SM42B-0599 Dynamic and Global Aurora II Posters

## **Local Time Displacement of Substorm Expansion** in Conjugate Hemispheres

SM42B-0599 Dynamic and Global Aurora II Posters

**IMAGE FUV WIC & Polar UVI LBHL Resolutions** 

200

120

130

140 150 160 170 180

Wavelength / nm

Temporal

Spatial (at apogee)

• WIC: ~ 50 km

• LBHL: ~ 30 km Spectral

• WIC: 10 seconds every 2 minutes LBHL: 37 seconds continuous

WIC: 140 to 190 nm (Δλ ~ 50 nm) ---

• LBHL: 160 to 180 nm (Δλ ~ 20 nm) ---

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## **Possible Explanations/Mechanisms:**

